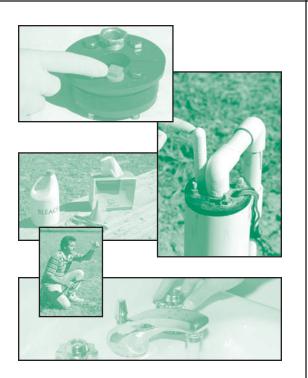
Individual residential water wells normally provide safe drinking water. Unfortunately, a well may become contaminated with harmful bacteria (fecal coliform). The harmful contaminants can enter a well site through flooding, a crack in the well casing, or a broken or missing sanitary seal or well cap.





One way to clear the problem of harmful bacteria is disinfection. This process uses a gallon of regular household bleach. Disinfection should clear the problem. If the water remains contaminated with bacteria, you may need to contact your **Regional Environmental Quality Control Office for further** assistance.

*** For Region 3, Columbia, and Region 4, Sumter, please use PO Box for mailing address.

Environmental Quality Control Regional Offices

Region 1 EOC Greenwood EOC Office 613 South Main St. Greenwood, SC 29646

ph. (864) 223-0333 fx. (864) 223--6935 (Greenwood, Abbeville, Laurens, Saulda, Edgefield and McCormick)

Anderson EQC Office 2404 N. Main St. Anderson, SC 29621 ph. (864) 260-5569 fx. (864) 260-4855 (Anderson and Oconee)

Region 2 EQC Greenville EQC Office 301 University Ridge, Suite 5800 Greenville, SC 29601 ph. (864) 241-1090 fx. (864) 241-1092 (Greenville and Pickens)

Spartanburg EQC Office 975-C N. Church St. Spartanburg, SC 29303 ph. (864) 596-3800 fx. (864) 596-2136 (Cherokee, Spartanburg and Union)

Region 3 EOC Columbia EQC Office *** Bldg #5 PO Box 156 State Park, SC 29147 ph. (803) 896-0620 fx. (803) 896-0617 (Fairfield, Lexington, Newberry and Richland)

Lancaster EOC Office 2475 DHEC Rd. Fort Lawn, SC 29714 ph. (803) 285-7461 fx. (803) 285-5594 (Lancaster, Chester and York)

Region 4 EOC Florence EOC Office 145 E. Cheves St. Florence, SC 29506 ph. (843) 661-4825 fx. (843)661-4858 (Chesterfield, Darlington, Dillon, Florence, Marion and Marlboro)

Sumter EQC Office *** 105 N. Magnolia St. P.O. Box 1628 Sumter, SC 29151 ph. (803) 778-6548 fx. (803) 773-6366 (Sumter, Kershaw, Lee and Clarendon)

Region 5 EOC Aiken EOC Office

206 Beaufort St., NE Aiken, SC 29801 ph. (803) 641-7670 fx. (803) 641-7675 (Aiken, Allendale, Bamberg, Barnwell Calhoun and Orangeburg)

Region 6 EQC Myrtle Beach EOC Office 927 Shine Ave. Myrtle Beach, SC 29577 ph. (843) 238-4378 fx. (843) 238-4518 (Georgetown, Horry and

Region 7 EQC

Williamsburg)

Charlestion EQC Office 1362 McMillan Ave Suite 300 Charleston, SC 29405 ph. (843) 953-0150 fx. (843) 953-0151 (Berkeley, Charleston and Dorchester)

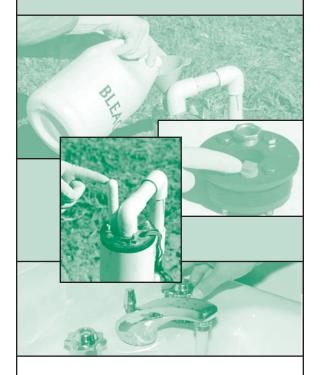
Region 8 EQC Beaufort EOC Office 104 Parker Dr. Burton, SC 29906 ph. (843) 846-1030 fx. (843) 846-0604 (Beaufort, Colleton, Hampton and Jasper)



Residential

Well

Disinfection





South Carolina Department of Health and Environmental Control

Materials Needed:

- One gallon of non-scented household liquid bleach;
- rubber gloves;
- eye protection;
- · old clothes; and
- a funnel.



Before Disinfection:

Check the condition of your well. Make sure there is no exposed or damaged wiring. If you notice any damage call a professional before the disinfection process.



Steps In Disinfecting A Well:

1. If your water is muddy or cloudy, run the water from an outside spigot with a hose

attached until the water becomes clear and free of sediments.



2. Determine what type of well you have and how to pour the bleach into the well. Some wells have



a sanitary seal with either an air vent or a plug that can be removed (a). If it is a bored



or dug well, the entire cover can be lifted off to provide a space for pouring the bleach into the well (b).



3. Take the gallon of bleach and funnel (if needed) and carefully pour the beach

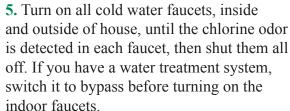
down into the well casing.



4. After the bleach has been added, run water from an outside hose into the well casing until you smell chlorine coming from the



hose. Then turn off the outside hose.





- 6. Wait six to 24 hours before turning the faucets back on. It is important not to drink, cook, bathe or wash with this water during the time period it contains high amounts of chlorine.
- 7. Once the waiting period is up, turn on an outside spigot with hose attached and run the water into a safe area where it will not disturb plants, lakes, streams, or septic

tanks. Run the water until there is no longer a chlorine odor. Turn the water off.



- **8.** The system should now be disinfected and you can now use the water.
- **9.** It is recommended to have your water tested for bacteria seven to 10 days after

disinfection. You can pick up a water sample kit at your local S.C. DHEC office.

